| <br>x of Cl |  |
|-------------|--|
|             |  |

| Application No.    | Applicant(s) |
|--------------------|--------------|
| 09/780,412         | MORI ET AL.  |
| Examiner           | Art Unit     |
| Gregory B Sefcheck | 2662         |

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla   | aim      | Γ  |                 |          | Da      | ate          |              |         |              | ٦        | Claim Date |           |              |                 |          |          |          |         |              | 7:::         |          | Cla        | aim         | Date        |          |          |              |              |          |          |          |          |   |
|-------|----------|--|-----------------|----------|---------|--------------|--------------|---------|--------------|----------|------------|-----------|--------------|-----------------|----------|----------|----------|---------|--------------|--------------|----------|------------|-------------|-------------|----------|----------|--------------|--------------|----------|----------|----------|----------|---|
|       |          | ro   |                 |          | Ť       |              | Τ            | Τ       | T            |          |            |           |              |                 |          | Ť        |          |         | T            |              | 7        |            |             | $\neg \neg$ |          |          | Τ            | Ť            |          |          |          |          | _ |
| Final | Original | 15   |                 |          |         |              |              |         |              |          | Final      | Original  |              |                 |          |          |          |         |              |              |          | i i        | =<br>=<br>g | Original    |          |          |              |              |          |          |          |          |   |
|       | <b>!</b> | ᅄ  | $\square$       | _        | 4       | $\downarrow$ | $\downarrow$ | +       | 4            | 4        |            | 51        |              | _               | 4        | 4        | $\dashv$ | 4       | $\downarrow$ | $\downarrow$ | -        |            | 4           | 101         | _        | 4        | $\perp$      | $\downarrow$ | _        | $\dashv$ | _        | $\dashv$ | _ |
|       | 1        | 4  | ╁               | +        | +-      | +            | +            | +       | +            | $\dashv$ |            | 52        | Н            | $\dashv$        | +        | +        | -+       | +       | $\dashv$     | +            |          | -          | $\dashv$    | 102         | -+       | +        | +            | -+           | +        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|       | 2        | 4  | ⊢               | -        | +       |              | +            | +       | +            | 4        |            |           | Н            | $\dashv$        | +        | -+       | $\dashv$ | +       | +            | -+-          | -        | -          |             |             | -        | -        | +            | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |          | _ |
|       | 3        | V,   | $\vdash$        | +        | +       | +-           | +            | +       | +            | _        |            | 53        | -            | -               |          | -        | $\dashv$ |         |              | -+           | -        | <u> </u>   |             | 103         | -+       | -        | +            | 4            |          | -        | -        |          | - |
|       | 4        | 1  |                 |          | - -     | +            | -            | +       | +            | -        |            | 54        |              | -               | -        |          | -        |         | +            |              |          | <u> </u>   | $\dashv$    | 104         | -        | -        | -            | +            | -        | $\dashv$ | -+       | $\dashv$ | _ |
|       | 5        | <b>V</b>   | $\vdash$        |          | $\bot$  | -            |              | +       | +            | _        |            | 55        |              | _               | _        | $\dashv$ | $\dashv$ | +       | $\dashv$     | -            |          | <u> </u>   |             | 105         | _        |          | +            | $\dashv$     |          | $\dashv$ | -        | $\dashv$ |   |
|       | 6        | V.   | ₽-              |          | $\bot$  | -            | _            | +       | +            | _        |            | 56        | _            | _               | _        | $\dashv$ | $\dashv$ | +       | 4            | +            | -        | ⊢          | $\dashv$    | 106         | -        |          | +            | 4            | _        |          | -        |          | _ |
|       | 7        | ~  | ⊢               | _        | 4       |              | ╀            | +       | +            |          |            | 57        | Н            |                 | -        | -        | -        | -       | -            | +            |          | $\vdash$   | $\dashv$    | 107         |          |          | +            | 4            |          | _        | $\dashv$ | -        | _ |
|       | 8        | _  | $\vdash$        |          | 4       | -            | 4            | +-      | 4            | 4        |            | 58        | Ш            | _               |          | 4        | -        | -       | +            | -            |          | <u> </u>   |             | 108         | -        | _        | +            | $\dashv$     | _        | $\dashv$ | -        | $\dashv$ | _ |
|       | 9        | <u> </u>   | $\sqcup$        |          | ┸       | 4            |              | 4       | 4            | 4        |            | 59        | Ш            |                 | _        | -        | _        | _       | -            | _            | -        | _          | _           | 109         | _        | _        | _            | 4            | _        | _        | -        | _        | _ |
|       | 10       |  | Ш               |          | ┸       | $\perp$      | ╄-           | 4       | +            | _        |            | 60        |              |                 | _        | 4        | $\perp$  | _       | -            | 4            | _        | _          |             | 110         |          | _        | +            | 4            | _        | _        | -        | _        | _ |
|       | 11       | <b> </b>   | $\vdash$        | 1        | $\perp$ | $\bot$       | $\bot$       | ╀.      | +            | _        |            | 61        | Ш            | $\sqcup$        | _        | $\dashv$ | $\dashv$ | +       | +            | 4            |          | -          | _           | 111         |          |          | +            | 4            | 4        | _        | _        | 4        | _ |
|       | 12       | L.   | $\vdash$        | $\perp$  | $\bot$  | $\bot$       | 1            | 4-      | +            | _        |            | 62        | Щ            | $\sqcup$        | _        | _        | 4        |         | $\perp$      | _ -          | -        | ⊢          | _           | 112         | $\dashv$ | _        | $\downarrow$ | 4            | 4        | Į        | _        | 4        | _ |
|       | 13       | <u> </u>   | $\sqcup$        | _        | 4       | $\perp$      | 4            | - -     | 4            | _        |            | 63        | Ш            | $\sqcup$        |          |          | $\perp$  | _       | _            | _            |          | -          | _           | 113         |          | _        | $\perp$      | 4            | _        | _        | $\dashv$ | _        | _ |
|       | 14       | <u> </u>   | $\sqcup$        | 4        | 4       | _            | $\bot$       | _       | 4            | _        |            | 64        | Щ            |                 | _        | $\dashv$ | $\dashv$ | _       | 4            | _            | -        | <u></u>    | _           | 114         | _        |          | _            | 4            | _        | _        | _        | 4        | _ |
|       | 15       | <u> </u>   | $\sqcup$        |          | 4       | $\bot$       | 4            | $\perp$ | 4            | _        |            | 65        | Щ            |                 | _        | $\dashv$ | $\dashv$ | _       | 4            | $\dashv$     | -        | <u> </u>   | _           | 115         | _        |          | $\perp$      | 4            | 4        | _        | _        | 4        | _ |
|       | 16       | L  | $\sqcup$        | 4        | _ _     | 4-           | $\bot$       | $\perp$ | $\downarrow$ | _        |            | 66        | $\square$    | $\Box$          | _        | _        | _        | _       | 4            | $\perp$      |          | <u> </u>   | 4           | 116         | _        | _        | $\perp$      | 4            | _        | _        | _        | _        | _ |
|       | 17       | _  |                 |          | 4       | 4            | $\bot$       | _       | 4            | _        |            | 67        |              |                 | _        | 4        | _        | 4       | 4            | 4            | _ ::::   | ┕          |             | 117         | _        |          | 4            | 4            |          | _        | _        |          | _ |
|       | 18       |  | $\sqcup$        |          |         | 4            | 4            | $\perp$ | _            |          |            | 68        |              | _               | _        | 4        | _        | $\perp$ | 4            | 4            | _        | _          | _           | 118         | 4        |          | 4            | _            | _        | _        | _        |          | _ |
|       | 19       |  | $\sqcup \bot$   |          | _       | $\bot$       | _            | $\perp$ | _            | _        |            | 69        |              |                 | _        | _        | _        | 4       | 4            | 4            | _ ::::   | <u>_</u>   |             | 119         | _        |          | 4            | 4            | _        | _        | _        | _        | _ |
|       | 20       |  | Li              |          | _       | $\downarrow$ | _            | $\perp$ | _            | _        |            | 70        | Щ            |                 | _        | _        | 4        | 4       | 4            | _            | _        | _          |             | 120         | _        | _        | 4            | 4            | _        | _        | -        | _        |   |
|       | 21       |  | $\sqcup$        | _        | $\perp$ | _            | _            | ┸       | _            | _        |            | 71        |              |                 | _        | _        | _        | $\perp$ | 4            | _            | _        | <u>_</u>   |             | 121         | _        | _        | _            | 4            | _        | _        | 4        | _        | _ |
|       | 22       |  |                 | _        | _       | ᆚ            | 4_           | 4       | _            | _        |            | 72        |              |                 | $\perp$  | _        | _        | $\perp$ | 4            | $\perp$      | <b>—</b> | _          | 4           | 122         | _        |          | +            | 4            | _        |          | _        | _        | _ |
|       | 23       |  |                 | _        | 4       | 4            | +            | 4       | _            | 4        |            | 73        |              | $\sqcup$        | 4        | _        | _        | +       | 4            | _            | 4        | _          | _           | 123         |          | $\perp$  | 4            | 4            | _        | _        | _        | _        | _ |
|       | 24       |  | Щ.              | -        | _       | $\perp$      | _            | ┸       | _            | 4        |            | 74        |              | $\dashv$        | $\dashv$ | 4        | _        | -       |              | -            | -        | -          | _           | 124         | $\dashv$ | +        | +            | 4            |          |          |          | _        | _ |
|       | 25       | -  |                 | _        | $\perp$ | $\bot$       |              | $\perp$ | -            | 4        |            | 75        |              | $\dashv$        | -        | -        | _        | 4       | -            |              |          | <u> </u>   |             | 125         | _        | +        | +            | 4            | -        | -        | -+       | _        | _ |
|       | 26       | _  | $\vdash$        | $\dashv$ | $\bot$  | 4            | 4            | 4-      | +            | 4        |            | 76        | _            | _               | -        | _        | $\dashv$ | +       | 4            | +            | -        | _          | _           | 126         | $\dashv$ |          | -            | 4            |          |          | -        | $\dashv$ | _ |
|       | 27       | ⊢  |                 |          |         | +            |              | +       | +            | 4        |            | 77        | _            |                 |          | _        | _        | +       | 4            | +            | -        | -          | _           | 127         | -        | +        | +            | 4            | $\dashv$ | -        | -        | $\dashv$ | _ |
|       | 28       | <del> </del> _                                   | <u> </u>        | -        | +       | 4            | +            | +       | +            | 4        |            | 78        | _            | $\dashv$        | $\dashv$ | 4        | _        | +       | 4            | -            | -        | <u> </u>   | -           | 128         |          | -        | +            | 4            | _        | -        | -        | $\dashv$ | _ |
|       | 29       | ├_   | $\vdash$        | +        | +       | +            | +            | +       | +            | 4        |            | 79        |              | $\dashv$        | $\dashv$ | $\dashv$ | -        | +       |              | -            | -        | ⊢          |             | 129         | $\dashv$ | +        | +            | 4            | -        | -        |          | -        | _ |
|       | 30       | ├_   |                 |          | +       | +            | +            | +       | +            | $\dashv$ |            | 80        |              | -               | -        |          | -+       |         | -            | $\dashv$     | -        | <u> </u> - |             | 130         | $\dashv$ | +        | +            | $\dashv$     | $\dashv$ | $\dashv$ | -        | -        |   |
|       | 31       | <b>├</b>   | $\vdash$        | -        | +       | +            | +            | +       | -            | -        |            | 81        |              | $\dashv$        | $\dashv$ | -        |          | -       | -            | $\dashv$     | -        | -          |             | 131         | 4        | +        | +            | $\dashv$     | -        | $\dashv$ | -        | -        |   |
|       | 32       | ├-   |                 | -        | +       | +            | $\bot$       | +       | +            |          |            | 82        | _            | $\dashv$        | $\dashv$ |          | $\dashv$ | -       |              | -            |          | <u> </u>   |             | 132         | -        | +        | +            | $\dashv$     | -        | $\dashv$ | -        | -        | _ |
|       | 33       | _  | <del></del>     | -        | +       | +            | 4            | +       | +            | 4        |            | 83        | _            | $\dashv$        | 4        | 4        | $\dashv$ | _       | 4            | -            | _        | ⊢          | $\dashv$    | 133         |          | _        | +            | $\dashv$     | -        | _        | _        | _        | _ |
|       | 34       | ⊢  | $\vdash$        | +        | +       | +            | 4            | +       | +            | 4        |            | 84        | <u> </u>     |                 |          |          | $\dashv$ | +       | +            | +            |          | -          |             | 134         | -        | -        | +            | +            |          |          |          |          | _ |
|       | 35       | <u> </u>   | $\vdash \vdash$ | $\perp$  | +       | +            | -            | +       | +            | _        |            | 85        |              | $\vdash$        | -        | -        | $\dashv$ | -+      | +            | $\dashv$     | -        | $\vdash$   |             | 135         | $\dashv$ | +        | +            | $\dashv$     | $\dashv$ |          | $\dashv$ | -        | _ |
|       | 36       | -  | $\vdash$        | +        | +       | +            | +            | +       | +            | ᅴ        | <b></b>    | 86        | -            | $\vdash$        |          | $\dashv$ | -        | -       | +            | $\dashv$     | -        | $\vdash$   | _           | 136         |          | +        | +            | $\dashv$     |          |          |          | -        | _ |
|       | 37       | <del>                                     </del> | $\vdash \vdash$ | +        | +       | +            | -            | +       | +            | 4        |            | 87        | -            | $\vdash$        |          | +        | +        | +       | $\dashv$     | +            | -        | $\vdash$   | _           | 137         | $\dashv$ | +        | +            | $\dashv$     |          |          | $\dashv$ | $\dashv$ | - |
|       | 38       | -  | $\vdash$        | +        | +       | +            |              | +       | +            |          |            | 88        |              | $\vdash \vdash$ | -+       |          | -        | +       | $\dashv$     | +            | -        | $\vdash$   |             | 138         | -        |          | +            | $\dashv$     | $\dashv$ | $\dashv$ | +        |          | _ |
|       | 39       | $\vdash$   | $\vdash$        | -        |         | - -          | +            | +       | +            | 4        |            | 89        | $\vdash$     | Н               |          |          | $\dashv$ | +       | 4            | +            |          | $\vdash$   | $\dashv$    | 139         | -        | +        | +            | $\dashv$     |          |          | $\dashv$ | _        | _ |
|       | 40       | ├-   | $\vdash$        | +        | +       | +            | +-           | +       | +            |          | <u> </u>   | 90        |              | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | +       | +            | -            | -        | ⊢          |             | 140         | $\dashv$ | +        | +            | 4            | -        |          |          | -        | _ |
|       | 41       | -  | ╁               | +        | +       | +            | +            | +       | +            | -        |            | 91        | $\vdash$     | $\vdash \vdash$ | -        | -+       | $\dashv$ | -+      | +            |              | -        | $\vdash$   |             | 141         | -        | -        | +            | $\dashv$     | $\dashv$ | -        | $\dashv$ |          |   |
|       | 42       | ├-   | $\vdash \vdash$ | +        | +       | +            |              | +-      | +            |          | <u> </u>   | 92        | H            | $\vdash\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | +       | +            | +            | -        | $\vdash$   |             | 142         | $\dashv$ |          | +            | -+           | $\dashv$ | -        | $\dashv$ |          | _ |
|       | 43       | $\vdash$   |                 | +        | +       | +            | +            | +       | +            |          |            | 93        | -            | $\vdash$        | $\dashv$ | -+       | $\dashv$ | +       | $\dashv$     | $\dashv$     |          | $\vdash$   | $\dashv$    | 143<br>144  | $\dashv$ | -        | +            | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |          | _ |
|       | 44       | ├-   | $\vdash \vdash$ | +        | +       | +            | +-           | +       | +            | $\dashv$ |            | 94<br>95  | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +       | +            | -+           | -        | -          | -           | 144         | $\dashv$ | +        | +            | +            | $\dashv$ | $\dashv$ | $\dashv$ | -        | _ |
|       | 45       | -  | $\vdash$        | +        | +       | +-           | +            | +       | +            |          |            | 96        |              | $\vdash$        |          | -        | $\dashv$ | +       | $\dashv$     | +            |          | $\vdash$   | -           | 146         | $\dashv$ | $\dashv$ | +            | +            | -        |          | -        | -        | _ |
|       | 46       | ⊢  | $\vdash$        | +        | +       | +            | +            | +       | +            | 닉        | <u> </u>   |           |              | $\vdash \vdash$ | -        | -        | $\dashv$ | +       | $\dashv$     | +            | $\dashv$ | -          | -           | 147         | $\dashv$ | -+       | +            | $\dashv$     | -        | $\dashv$ | -+       | $\dashv$ | _ |
|       | 47       | ₩.   |                 | -        | +       | +            | +            | +       | +            | ᅴ        | <u> </u>   | 97        | <u> </u>     | $\vdash \vdash$ | -        |          | $\dashv$ | -       | $\dashv$     | +            |          | -          | ᅴ           | 148         |          |          | +            | -            | $\dashv$ | $\dashv$ | -        | ᅱ        | - |
|       | 48       | ├-   | <del>  -</del>  | +        | +       | +            | +            | +       | +            |          | <u> </u>   | 98        | $\vdash$     | $\vdash$        | -+       | $\dashv$ | -+       | +       | +            | -+           |          | -          | -           | 148         |          | $\dashv$ | -            | $\dashv$     | -        |          |          |          | _ |
|       | 49       | ⊢  |                 | +        | +       | +            | +            | +       | +            | $\dashv$ |            | 99<br>100 | <del> </del> | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | +       | +            | -+           |          | 1          | $\dashv$    | 150         |          | $\dashv$ | +            | $\dashv$     | _        | _        | $\dashv$ | $\dashv$ | - |
|       | 50       | ĺ  | 1 1             | - 1      | - 1     | - 1          | - 1          | - 1     | - 1          | - 1      | <br>I      | יטטר ו    | 1            |                 | - 1      | - 1      | - 1      | - 1     | - 1          | - 1          | E :::    | 1          |             | 150         |          | 1        | - 1          | - 1          |          |          | ı        |          |   |